Approved For Release 2003/03/28 : CIA-RDP78T05161A001300010033-9 MAGERY MALYSIS STAFF PHOTOGRAPHIC INTELLIGENCE REPORT ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168 ROSTOV, USSR **DECLASS REVIEW by NIMA/DOD** 25X1 -75101 CIA/PIR 25X1 **MARCH 1967** DATE 1 () COPY GROUP 1 Excluded from automatic igrading and declassification 6

ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168 ROSTOV, USSR,

25X1

25X1

25X1

25X1

Rostov Aircraft Assembly Plant No 168 s located at 47-15-19N 039-43-07E in the northern suburbs of Rostov, USSR. The plant is adjacent to Rostov Airfield North and is both road and rail served (Figure 1).

Rostov Aircraft Assembly Plant No 168 is located on the site of the former Rostov Airframe Plant No 458, which was partially evacuated to Baku in 1941. 1/ The machinery of the plant was probably not evacuated solely to Baku; some of it was reportedly sent to other plants. 1/ The Rostov Plant resumed production and repair of aircraft after the withdrawal of the in 1943 and, between 1945 and 1949, was designated Rostov Airframe Plant No 168.

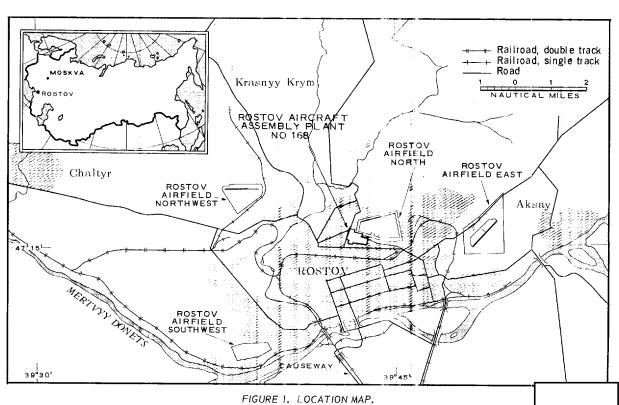
Rail spurs and hard-surfaced roads totaling 15,000 and 9,000 linear feet, respectively, serve the plant. The roads are probably concrete with an average width of 25 feet. Surrounding the plant and airfield are 28,000 linear feet of high brick or masonry wall. The preceding figures are approximate.

The plant is shown on photographic coverages of (Figures 2, 3, 4, and 5). All item numbers are keyed to the plant layout and the associated table (Figure 6).

the assembly plant contained an estimated floorspace of 525,995 square 2/ The total floorspace in estimated at 1,092,350 square feet 2/; the 25X1

25X1

25X1



25X1

CIA/PIR-75101

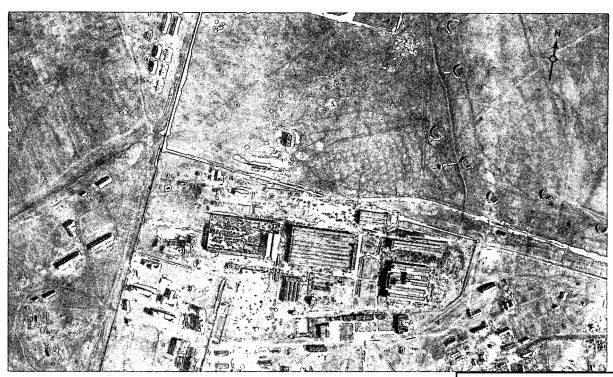


FIGURE 2. ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168, ROSTOV, USSR



FIGURE 3. ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168,

25X1

25X1

25X1

25X1	Approved For Release 7000/03/28RETA-RDP78T 05267/A0013000 10033-9 CIA/PIR-75101			
25X1	present floorspace is estimated at 1,620,210 square feet. Buildings constructed between included the final checkout building (item 1), the hangar (item 3), the final assembly building (item 6), a workshop/machine shop (item 7), the workshops (item 9), and 7 storage buildings (items 4, 13, 18, and 19). An addition to an existing building within the administration/engineering complex (item 17) was also completed during this period. The outer walls of the	to be nearing completion in Construction was started on the assembly- type building (item 21) late in This building may consist of at least 6 bays. Foot- ings for the first 3 bays were evident in and one year later the 3 bays appeared to be complete. The footings for the additional 3 bays were evident in Photography of revealed that construction on 2 of the additional 3 bays is continuing with footings poured for the third	25X1 25X1 25X1 25X1 25X1 25X1	
05)/4	final assembly building (item 6) were evident	bay. Rostov Airfield North, which serves the		
25X1	inbut completion was probably de- layed until after World War II. All of the additional buildings were complete when the	plant as a test and flyaway field, has a landing area measuring approximately 6,000 by 4,000		
25X1	plant was observed in except for a	feet. This area contains a short runway		
25X1	workshop/machine shop (item 7). In construction of this building had just begun; it	(820 by 200 feet), 6 helicopter pads, taxiways, and parking aprons. These are constructed of		
25X1 25X1	appeared to be complete in Between an addition to the transshipment building (item 15) was completed.	asphalt, concrete, and prepared natural surface material. The area of the taxiway, parking aprons, and helicopter pads is approximately		
	Footings for a warehouse/workshop (item 14)	Aircraft observed on included 4 HOOK.	25X1	
25X1	were evident in and the building appeared	metaded 4 HOOK.	25X1	

25X1

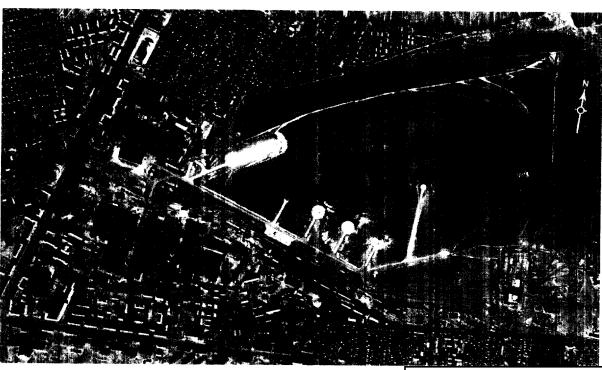


FIGURE 4. ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168,

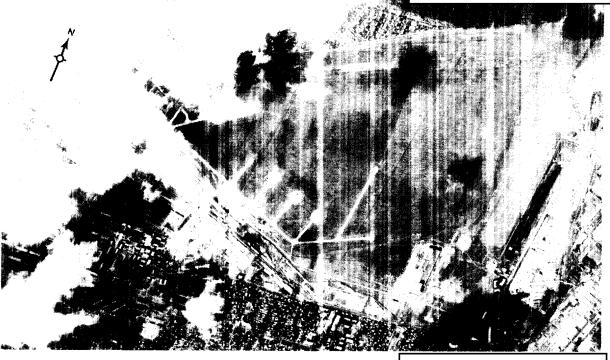


FIGURE 5. ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168,

25X1

25X1

25X1 25X1

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25X1

25X1

25×1

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Indicates construction prior to

Railroad

25X1

25X1

Road Indicates construction changes between Wall Indicates construction changes since FEET (APPROXIMATE)

TEST REVETME ROSTOV AIRFIELD NORTH Dimensions (ft)

Item Description Cubic Feet 420 x 155 x 60 x 45 x 25° 110 x 90 x 30 145 x 30 x Final checkout bldg Field control bldg Hangar Storage bldgs (2) 140 x 20 Steamplant Final assembly bldg Workshop/machine shop frregular x 725 x 330 x 485 x 385 x Workshop 265 x 215 170 x 30 x Workshops (2) Prob cooling pond Subassembly bldg Prob foundry Storage bldgs (2) Warehouse/workshop Transshipment bldg 10 11 12 13 14 15 16 17 18 19 a ranssnipment bldg Workshop/machine shop Admin/engineering & support bldg Storage bldg Storage bldgs (2) Fueling area, rail served Assembly-type bldg (3 bays) Portion u.c. (2 bays) 20 21 875 x 240 x Total floorspace and cubic feet of numbered structures Total floorspace and cubic feet of other structures Total floorspace and cubic feet of plant With the exception of those measurements marked with an asterisk (*), all measurements were calculated by NPIC/TID and are accurate to within vertically. Measurements were derived from NOTE

25X1 25X1 25X1

25X1

25X1

25X1 25X1

25X1

FIGURE 6. LAYOUT OF ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168.

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"Measurement calculated by CIA/IAS project analyst.

25X1 25X1

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25X1 25X1

25X1

REFERENCES

MAPS OR CHARTS

ACIC series, scale 1:200,000

DOCUMENTS

- 1. CIA. RR/RA-18, Estimated Floorspace of Rostov Airframe Plant No 168, Aug 57 (SECRET)
- 2. CIA. PIR-31/64, Rostor Aircraft Assembly Plant No 168, Rostor, USSR, Oct 64 (TOP SECRET

REQUIREMENT

CIA. C-RR6-83,650

PROJECT

31260/66 (partial answer)

- 6.

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